L Number	Hits	Search Text	DB	Time stamp
1	1911	(silica $3oxide) near9 (modif$9 coat$9) same neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:42
2	948	(silica $3oxide) near9 (modif$9 coat$9) near9 neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:42
3	77	silica near9 (modif$9 coat$9) near9 neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:42
6	96	silica near9 (modif$9 coat$9 hydrophobi$9) near9 neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:45
7	1	silica near9 (modif$9 coat$9 hydrophobi$9) near9 silane near9 neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:46
8	24	silica near9 (modif$9 coat$9 hydrophobi$9) near9 silane same neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:47
9	29	silica near9 (modif$9 coat$9 hydrophobi$9 treated) near9 silane same neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:47
10	38	silica near9 (modif$9 coat$9 hydrophobi$9 treated) near9 (dimethyldichlorosilane $5alkoxysilane silane) same neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:48
11	0	silica near9 (modif$9 coat$9 hydrophobi$9 treated) near9 (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) near9 (dimethyldichlorosilane $5alkoxysilane silane) same neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:50
12	4	silica near9 (modif$9 coat$9 hydrophobi$9 treated) near9 (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) near9 (dimethyldichlorosilane $5alkoxysilane silane) same (neutrali$9 base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:51
13	21	silica near9 (modif$9 coat$9 hydrophobi$9 treated) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) near9 (dimethyldichlorosilane $5alkoxysilane silane) same (neutrali$9 base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:51
14	9	silica near3 (particle particulate colloid$6 gel hydrosol) near9 (modif$9 coat$9 hydrophobi$9 treated) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) near9 (dimethyldichlorosilane $5alkoxysilane silane) same (neutrali$9 base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:20

15	3	silica near3 (particle particulate colloid$6 gel hydrosol) same (modif$9 coat$9 hydrophobi$9 treated hydroly$7) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) near9 (dimethyldichlorosilane $5alkoxysilane silane) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:21
16	130	silica near3 (particle particulate colloid$6 gel hydrosol) same (modif$9 coat$9 hydrophobi$9 treated hydroly$7) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:22
17	8	silica near3 (particle particulate colloid$6 gel hydrosol) near9 (modif$9 coat$9 hydrophobi$9 treated hydroly$7) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:23
18	0	recover$5 near9 silica near3 (particle particulate colloid$6 gel hydrosol) same (modif$9 coat$9 hydrophobi$9 treated hydroly$7) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:24
19	0	recover$5 near9 (particle particulate colloid$6 gel hydrosol) near9 (modif$9 coat$9 hydrophobi$9 treated hydroly$7) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:24
20	15	recover$5 same (particle particulate colloid$6 gel hydrosol) same (modif$9 coat$9 hydrophobi$9 treated hydroly$7) same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:25
21	7	recover$5 same (particle particulate colloid$6 gel hydrosol) same hydroly$7 same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:27
22	24	recover$5 same (particle particulate solids) same hydroly$7 same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6 phosphor$9)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:31
23	0	recover$5 same silica same hydroly$7 same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6 phosphor$9)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:32
24	49	silica same hydroly$7 same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6 phosphor$9)) same neutrali$9 near9 (base ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:39
25	27	(recover$8 separat$8 filt$8) same dry$3 same (silica $3oxide) same hydroly$7 same (acid$3 near4 (cataly$7 hydrochloric sulfur$6 sulphur$6 phosphor$9)) same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:45
26	1862	528/15.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:45
27	2527	(recover$8 separat$8 filt$8) same dry$3 same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:52

28	1	(recover$8 separat$8 filt$8) same (aqueous water) near9 acid$3 near3 pH same (solids $3oxide) same organic near3 solvent same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:51
29	3	528/15.ccls. and ((recover$8 separat$8 filt$8) same dry$3 same neutrali$9 near9 (base basic ammon$8 hydroxide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:51
30	1	(recover$8 separat$8) near9 (particle particulate powder$3 $3oxide silica alumina) near9 (coat$3 treat$9 modif$9) near9 (silane siloxane) same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:54
31	1	(recover$8 separat$8) near9 (particle particulate powder$3 $3oxide silica alumina) near9 (coat$3 treat$9 modif$9) near9 (silane siloxane silicone) same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:55
32	1	(recover$8 separat$8) near9 (filler particle particulate powder$3 $3oxide silica alumina) near9 (coat$3 treat$9 modif$9) near9 (silane siloxane silicone) same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:55
33	0	(recover$8 separat$8) near9 (filler particle particulate powder$3 $3oxide silica alumina) near9 (coat$3 treat$9 modif$9) near9 (silane near3 coupl$4) same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:56
34	0	(recover$8 separat$8) same (filler particle particulate powder$3 $3oxide silica alumina) near9 (coat$3 treat$9 modif$9) near9 (silane near3 coupl$4) same neutrali$9 near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:56
36	71	(recover$8 separat$8) same (filler particle particulate powder$3 $3oxide silica alumina) same (silane near3 coupl$4) same (neutrali$9 base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:16
37	2	(recover$8 separat$8) same (filler particle particulate powder$3 $3oxide silica alumina) same (silane near3 coupl$4) same (neutrali$9 base basic ammon$8 hydroxide) same organic near3 solvent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:58
38	0	(recover$8 separat$8) same (filler particle particulate powder$3 $3oxide silica alumina) same (silane near3 coupl$4) same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:08
39	0	(recover$8 separat$8) same (filler particle particulate powder$3 $3oxide silica alumina) same (silane near3 coupl$4) same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:18
40	10	(filler particle particulate powder$3 $3oxide silica alumina) same (silane near3 coupl$4) same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:28
41	1814	(filler sio$3 $3oxide silica alumina) same (silane near3 coupl$4) same (neutrali$9 base basic ammon$8 hydroxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:17

42	1	(filler particle particulate powder$3 $3oxide silica alumina sio$3) same (silane near3 coupl$4) same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same solvent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:19
43	564	(filler particle particulate powder$3 $3oxide silica alumina sio$3) same surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same solvent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:21
44	358	(filler particle particulate powder$3 $3oxide silica alumina sio$3) near9 surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same solvent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:22
45	8	(filler particle particulate powder$3 $3oxide silica alumina sio$3) near9 surface near3 (treat$9 modif$8 coat$3 hydrophob$8) same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same solvent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:27
46	33805	taniguchi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:25
47	47	taniguchi.in. and colloid$3 near silica	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:26
48	132	taniguchi.in. and hydroly$8 and silica	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:26
49	972	(filler particle particulate powder$3 $3oxide silica alumina sio$3) same surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:29
50	309	(filler silica alumina sio$3) same surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:29
51	195	(silica sio$3) same surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:29
52	108	(silica sio$3) near9 surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:31
53	7	(silica sio$3) near9 surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:34
54	0	(filler particle particulate powder$3 $3oxide silica alumina sio$3) near9 surface near3 (treat$9 modif$8 coat$3 hydrophob$8) same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:35

55	29	(filler particle particulate powder$3 $3oxide silica alumina sio$3) near9 surface near3 (treat$9 modif$8 coat$3 hydrophob$8) and (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:36
56	16	(filler particle particulate powder$3 $3oxide silica alumina sio$3) same excess near3 acid same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:38
57	9	(recover$3 separat$7) near9 (filler particle particulate powder$3 $3oxide silica alumina sio$3) same acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:41
59	7	(recover$3 separat$7) same ($3oxide silica alumina sio$3) same hydroly$8 same acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:46
60	0	sol-gel same hydroly$8 same acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:47
61	0	sol-gel same acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:47
62	0	sol$1gel same acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:47
63	5	sol$1gel and acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:47
58	71	(recover$3 separat$7) same ($3oxide silica alumina sio$3) same acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:48
64	2	(recover$3 separat$7) same ($3oxide silica alumina sio$3) same hydroly$8 near9 acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:49
65	3	(recover$3 separat$7) same ($3oxide silic$4 alumin$5 sio$3) same hydroly$8 near9 acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:49
66	4	($3oxide silic$4 alumin$5 sio$3) same hydroly$8 near9 acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same wash$3 near9 (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 11:51
67	146	($3oxide silica alumina sio$3) same hydroly$8 near9 acid$3 same (neutrali$9 (rais$5 near2 pH)) near9 (base basic ammon$8 hydroxide) same (methanol ethanol toluene xylene solvent alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:00

68	34	"5708069"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:12
69	23	"5708069" and mercapto$19	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:22
70	28	5,750,610	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:14
71	1	5,750,610 and neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:36
72	31	"3122520"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:22
73	11	"3122520" and neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:22
74	3	"5708069" and neutrali$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:37